

## B.Sc. Semester-6 Examination

CC 309

Geology

March-2023

Time : 2-30 Hours]

[Max. Marks : 70

- Instructions:** (i) Draw neat diagrams whenever necessary.  
(ii) Write proper answer number.

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- Q-1 Give classification of class anthozoa and describe its each sub classes. (14)
- OR**
- Q-1 (a) Order foraminifera. (07)  
(b) Sub-class alcyonaria. (07)
- Q-2 Explain morphological characters of graptolite and write geological distribution of phylum hemichordata and arthropods. (14)
- OR**
- Q-2 (a) Head and pygidium of the trilobita. (07)  
(b) Classification of arthropoda and thorax of trilobita (07)
- Q-3 Draw a labeled figure of brachiopod and describe morphological characters of crinoid. (14)
- OR**
- Q-3 (a) Geological distribution of crinoidea and brachiopoda. (07)  
(b) Labeled diagram of echinoidea. (07)
- Q-4 Explain evolution of vertebrates as per geological time scale. (14)
- OR**
- Q-4 (a) Early vertebrate evolution based on the living. (07)  
(b) The rise and fall of amphibian groups. (07)
- Q-5 **Answer any seven questions out of twelve.** (14)
- (i) Name two important fossils of foraminifera.  
(ii) Give geological distribution of hexacorallia.  
(iii) Name two important fossils of order zoantharia.  
(iv) Draw a labeled figure of tetragraptus.  
(v) Define genal angle and pleurae.  
(vi) Name the persons who had contributed in classifying hemichordata.  
(vii) Define mamelon and boss.  
(viii) Define inarticulate brachiopod with examples.  
(ix) Name two irregular echinoderm.  
(x) Write name of four living order of the reptiles.  
(xi) Mention two name of flying mammals.  
(xii) Give geological age and significance of marine micro fossils.